

AMENDMENT**Amendments to the Claims:**

The following listing of claims replaces all prior versions and listings of claims in the application:

1-10. (Canceled)

11. (Currently amended) A method for identifying a molecular mimetic of a unique epitope of *Neisseria meningitidis* serogroup B (MenB), said method comprising:

(a) providing a library of molecules comprising a putative molecular mimetic of a unique epitope of MenB, wherein said library of molecules is selected from the group consisting of a peptoid library, a peptide library and a phage-display library;

(b) contacting said library of molecules with an isolated antibody immunologically reactive with an N-acyl-substituted *Neisseria meningitidis* serogroup B capsular polysaccharide, wherein said antibody is not autoreactive with *Neisseria meningitidis meningitidis* serogroup B capsular polysaccharide as determined by measuring the ability of said antibody to react with human neuroblastoma cell line CHP-134, under conditions that allow immunological binding between said antibody and said molecular mimetic, if present, to provide a complex; and

(c) separating the complex from non-bound molecules; and

(d) identifying the molecular mimetic present in the complex.

12. (Currently amended) The method of claim 11 wherein said library of molecules ~~comprises~~ is a peptoid library.

13. (Currently amended) The method of claim 11 wherein said library of molecules ~~comprises~~ is a peptide library.

14. (Currently amended) The method of claim 11 wherein said library of molecules ~~comprises~~ is phage-display library.

15-34. (Canceled)